

# Converting Colors

Hex(5E7B58)

Have a look what the booklet for  
Hex(5E7B58) contains.

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# Color

Hex(5E7B58)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E7B58
RGB	94, 123, 88
RGB Percent	37%, 48%, 35%
CMY	0.6314, 0.5176, 0.6549
CMYK	0.24, 0.00, 0.28, 0.52
HSL	110°, 17%, 41%
HSV	110°, 28%, 48%
XYZ	13.4605, 17.2502, 11.8527
YIQ	110.3390, -6.0490, -17.0330

# Conversions

## Conversions Part 2

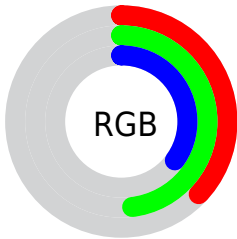
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 123, 117
Decimal	6191960
CIELab	48.57, -17.71, 15.84
CIELCh	49, 23.762, 138.198
Yxy	17.2502, 0.3162, 0.4053
Android (android.graphics.Color)	4284382040 (0xFF5E7B58)
YUV	110.3390, -11.0131, -14.3293
Hunter-Lab	41.5333, -14.8334, 12.1533

# Details

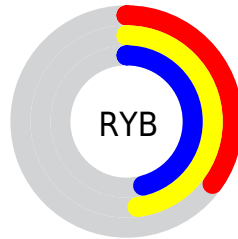
The Hex color **5E7B58** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **75587B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **91B08A**, and **2F4A2A** is the 20% darker color. If you saturate the color by 10%, you get **547B4C**, and if you desaturate by 10%, it is **687B64**.

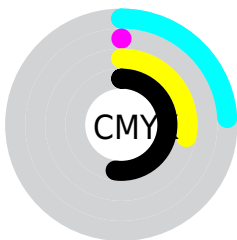
# Distribution



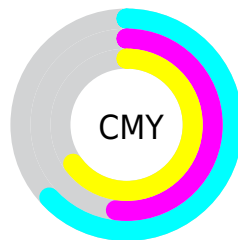
- Red (37%)
- Green (48%)
- Blue (35%)



- Red (35%)
- Yellow (48%)
- Blue (46%)



- Cyan (24%)
- Magenta (0%)
- Yellow (28%)
- Black (52%)



- Cyan (63%)
- Magenta (52%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E7B58 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5E7B58 by changing the saturation by 10% instead.





5E7B58



5E7B58

FFFFFF



466240



91B08A



2F4A2A



ACCBA4



183315



C7E7C0



021E00



E3FFDC



000000



FFFFFF8



5E7B58



5E7B58



547B4C



687B64



4A7B3F



727B71

■ 3F7B33

■ 7D7B7D

■ 357B27

■ 877B89

■ 2B7B1B

■ 917B95

■ 217B0E

■ 9B7BA2

■ 177B02

■ A57BAE

■ 157B00

■ B07BBA

■ BA7BC7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75764D



5E7B58



467E6A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5E7B58



4D789A



9B6568

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5E7B58



75587B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96657C



5E7B58



6B7199

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5E7B58



347C91



856A8E



966956

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5E7B58



387E78



856A8E



9B646E



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5E7B58



95A192



7B7558



4A5249



D1D1D1



525252



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5E7B58



73A16A



587B63



383D37



157D00



2BFC00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75587B



976AA1



7B5870



3C373D



68007D

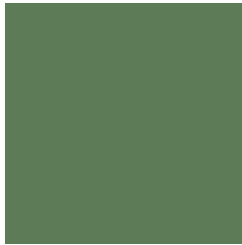


D100FC



# Previews

## White Background



This preview shows how the Hex color 5E7B58 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

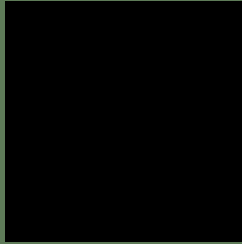
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E7B58 Background



This preview shows how black text looks on a background with the Hex color 5E7B58.



This preview shows how white text looks on a background with the Hex color 5E7B58.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

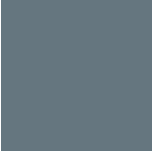
## Dichromacy



**Original Color**  
5E7B58

**Protanopia**  
7C7354

**Deuteranopia**  
866E5B



**Tritanopia**  
65767F

# Trichromacy



**Original Color**  
5E7B58

**Protanomaly**  
717655

**Deuteranomaly**  
77735A

**Tritanomaly**  
627871

# Monochromacy



**Original Color**  
5E7B58

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
687366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E7B58 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5E7B58 looks like.

```
.text, #text, p{  
    color:#5E7B58  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5E7B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7B58
}
```

## Border

The CSS property to change the border of an element to Hex 5E7B58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

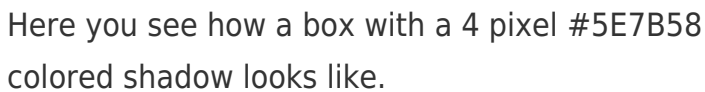
```
.border, #border, table{ border:4px solid
#5E7B58 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5E7B58 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5E7B58 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7B58; -webkit-box-shadow:4px 4px  
4px 4px #5E7B58; box-shadow:4px 4px 4px  
4px #5E7B58 }
```

# Background

The CSS property to change the background color of an element to Hex 5E7B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7B58 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5E7B58 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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